

# \_NEOLITH TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	3200 x 1500	
		6mm	12mm
Thickness		6mm	12mm
Weight (Kg)	-	85	143
Breaking strength, average (N)	ISO 10545-4	2352	6173
Modulus of rupture, average (N/mm <sup>2</sup> )	ISO 10545-4	57	57
Water absorption	ISO 10545-3	<0.1%	
Impact resistance, average	ISO 10545-5	0.8 <sup>(1)</sup>	
Resistance to deep abrasion	ISO 10545-6	<133mm <sup>3</sup>	
Thermal linear expansion	ISO 10545-8	5.2 - 6.3 10 <sup>-6</sup> •°C <sup>-1</sup>	
Resistance to thermal shock	ISO 10545-9	No visible defects	
Moisture expansion (mm/m)	ISO 10545-10	≤0.1	
Frost Resistance	ISO 10545-12	No visible defects	
Chemical resistance	ISO 10545-13	UHA	
Stain Resistance	ISO 10545-14	Class 5	
Lead & cadmium given off by tiles	ISO 10545-15	Lead:<0.01mg •dm <sup>-2</sup> Cadmium:<0.001mg •dm <sup>-2</sup>	
Hardness (MOHS scale)	UNE 67-101	>6	
Anti-slip property <sup>(2)</sup>	DIN 51330	R9	
Static friction coefficient <sup>(2)</sup>	ASTM C1028	Dry 0.76 - 0.94 Wet 0.43 - 0.67	
Reaction to fire	DIN EN 13823	NEOLITH: A1 NEOLITH+: A2 - s1, d0	
UV Resistance	DIN 51094	No alteration	

**NEOLITH**  
SINTERED COMPACT SURFACE



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